

Listing of Claims:

Claim 1. (Currently Amended) A shelf, comprising:

at least one panel; and

at least one ~~attached~~ plastic structure surrounding said panel,

~~wherein said shelf is obtained by shrinking said at least one attached plastic structure after the at least one panel and the at least one attached plastic structure have been assembled~~
an edge of said at least one panel is held by said at least one plastic structure with a compressive lateral pressure applied to the edge of said at least one panel to assemble said at least one panel with said at least one plastic structure.

Claim 2. (Currently Amended) A shelf as claimed in claim 1, wherein the at least one panel and the at least one ~~attached~~ plastic structure ~~mate at~~ with an edge of the panel.

Claim 3. (Cancel).

Claim 4. (Currently Amended) A shelf as claimed in claim 1, wherein the at least one ~~attached~~ plastic structure is formed with at least first and second plastics, the first plastic being more flexible than the second plastic and configured to be in contact with the at least one panel and at least partly covering the second plastic that is more rigid than the first plastic.

Claim 5. (Currently Amended) The shelf as claimed in claim 1, further comprising at least one clip positioned to secure ~~wherein the at least one panel is secured to the at least one attached plastic structure by at least one of shrinking of the structure, clipping, and gluing.~~

Claim 6. (Original) The shelf as claimed in claim 1, further comprising at least one of an elastic adhesive and at least one flexible insulating gasket.

Claim 7. (Currently Amended) A shelf as claimed in claim 1, further comprising at least one assembly element having at least a first part clipped under the at least one panel against a vertical wall of the at least one ~~attached~~ plastic structure, a second part clipped under the at least one ~~attached~~ plastic structure, and a third part bent to border another part of the shelf or to form a runner configured to collaborate for cantilever mounting in a unit.

Claim 8. (Original) A shelf as claimed in claim 1, and which slides with respect to a support formed as a single piece.

Claim 9. (Currently Amended) A shelf as claimed in claim 1, wherein the at least one panel and the at least one ~~attached~~ plastic structure are ~~obtained by air molding~~ molded.

Claim 10. (Withdrawn) A method of manufacturing a shelf including at least one panel and at least one plastic structure, comprising forming the at least one plastic structure separately from the at least one panel by hot molding, assembling the at least one panel with the at least one plastic structure after molding before the at least one plastic has fully shrunk.

Claim 11. (Withdrawn) The method as claimed in claim 10, wherein the at least one panel is assembled with the at least one plastic structure after a mold has been opened, before shrinkage has reached 40% of total shrinkage.

Claim 12. (Withdrawn) The method as claimed in claim 10, wherein the at least one panel is assembled on an underside or top face of the at least one plastic structure.

Claim 13. (Withdrawn) The method as claimed in claim 12, wherein the at least one panel is held in place by clipping.

Claim 14. (Withdrawn) The method as claimed in claim 10, wherein, prior to assembly, at least one of an elastic adhesive and at least one flexible insulating gasket is deposited on at least part of the at least one plastic structure that is to be in contact with the at least one panel.

Claim 15. (Withdrawn) The method as claimed in claim 14, wherein the at least one elastic adhesive and at least one flexible insulating gasket deposited has a conical shape.

Claim 16. (Withdrawn) The method as claimed in claim 15, wherein a surface of the at least one panel is pre-treated, prior to application of the at least one adhesive, by one of sandblasting, grooving, goffering, forming roughnesses, and plasma treatment, to increase an area for contact between the at least one plastic structure and the at least one of the elastic adhesive and the flexible insulating gasket.

Claim 17. (Withdrawn) The method as claimed in claim 10, wherein the at least one plastic structure is formed by two-injection molding.

Claim 18. (Withdrawn) The method as claimed in claim 10, whereby the at least one plastic structure is formed by air molding.

Claim 19. (Cancelled).

Claim 20. (Original) A refrigerator comprising at least one shelf as claimed in claim 1.

Claim 21. (New) The shelf as claimed in Claim 1, wherein said at least one plastic structure includes a recess having a depth which is not greater than an amount of shrinkage of said at least one plastic structure during cooling of the at least one plastic structure from a temperature at which the at least one plastic structure may be injection molded.